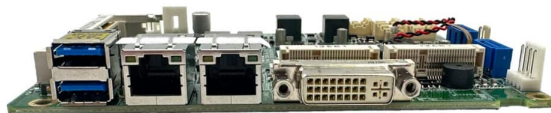# Industrial mainboard N3160

Compact N3160 mainboard for industrial applications

This industrial mainboard with Intel® Celeron N3160 quad-core processor offers a reliable platform for robust applications. With up to 8 GB SO-DDR3 LP RAM, two Gigabit LAN connections and a wide range of I/Os such as DVI-I, VGA and serial interfaces, the board is ideal for machine control, automation or embedded solutions. Thanks to its extended temperature range of -30° to +60 °C and compact design, it can be used flexibly and safely in demanding environments.

Technical Data

System

CPU	Intel® Celeron N3160, 4x 1.6 GHz (up to 2.24 GHz)
RAM	up to 8 GB SO-DDR3 Low Power
SSD / HDD	up to 500 GB 2.5? SATA3 SSD

I/Os

Front	2 x USB 3.0 1 x DVI-I 2 x Gigabit-LAN i210-AT

Environment / Mass

Dimensions (W x D x H)	tba
Ambient temperature (operation)	-30°-60°C
Cooling	not integrated
Idle power consumption in W	6

Extensions

Serial Port	2 x RS232/422/485 2 x RS232

Extensions

USB	2 x USB 2.0
GPIO	4 x IN / 4 x Out
mPCIe	2 x
SATA	2 x
VGA	1 x

Miscellaneous

Standards & Certificates	CE, FCC Class A
Class A warning	The device is intended for use in industrial environments. Operation of this device may cause radio interference in residential areas.